FORM PTO-1449

U.S. Stepartment of Commerce Patent and Phatemark Office

ATTY. DOCKET NO: SERIAL NO.: 60.1489 10/644,284 APPLICANT: **EXAMINER:** DHRUVA, Brindesh et al.

INFORMATION DISCLOSURE STATEMENT

N/A GROUP:

N/A

**BY APPLICANT** (Use several sheets if necessary) FILING DATE: August 20, 2003

		U.S. PAT	ENT DOCUMENT	S		
Exam § Init.	Document Number	(m/d/y) Date	Name	Class	Sub- class	Filing date if appropriate
1. 7	3,934,468	01/27/76	Brieger	-73	155	1/22/75
2.1	4,513,612	04/30/85	Shalek	_73	-155-	1/27/83
11	4,745,802	05/24/88	Purfurst	73-	- 155	9/18/86
	4,860,581	08/29/89	Zimmerman et al.	73	155	9/23/88
(1)	4,893,505	01/16/90	Marsden et al.	73	155	3/30/88
	4,936,139	06/26/90	Zimmerman et al.	73	<u> 155</u> √.	7/10/89
d	4,949,575	08/21/90	Rasmus	.73	4 <del>52 -</del>	2/27/89
	5,095,745	03/17/92	Desbrandes	73	152-	6/15/90
ch / Ji	5,144,589	09/01/92	Hardage	-367-	<del>-25</del>	1/22/91
	5,233,866	08/10/93	Desbrandes	-73-	<del>-155</del>	4/22/91
Q-1	5,279,153	01/18/94	Dussan V. et al.	<del>-73</del>	155	8/30/91
	5,303,582	04/19/94	Miska	73	155_	10/30/92
CA -//	5,353,637	10/11/94	Plumb et al.	<del>-73</del>	751	6/9/92
	5,517,854	05/21/96	Plumb et al.	73	151	4/29/94
AL	5,555,945	9/17/96	Schultz et al.	175	-50-	8/15/94
	5,602,334	02/11/97	Proett et al.	-73	_15 <del>2.05</del>	6/17/94
	5,615,115	03/25/97	Shilling	364-	421	12/25/94
d-U	5,622,223	04/22/97	Vasaquez	166	-264	9/1/95
(1)	5,644,076	07/01/97	Proett et al.	-73_	<del>152.4</del> 1 ′	3/14/96
Chal	5,703,286	12/30/97	Proett et al.	-73_	<del>152.05</del>	10/20/95
Aud	5,708,204	01/13/98	Kasap	73_	152.52	9/26/96
Chul	5,741,962	04/21/98	Birchak et al.	-73	<del>-152.16</del>	4/5/96
	5,770,798	06/23/98	Georgi et al.	23	152:05-	2/9/96
and	5,799,733	09/01/98	Ringgenberg et al.	466	-264-	9/30/97
CA	5,803,186	09/08/98	Berger et al.	<del>-175</del>	-50	3/28/96
	5,934,374	08/10/99	Hrametz et al.	766	<del>-264</del>	8/1/96
The last	6,006,834	12/28/99	Skinner	166	250.17-	10/22/97
	6,026,915	02/22/00	Smith et al.	175	-50-	10/14/97
W.	6,047,239	04/04/00	Berger et al.	702	· ~9~	6/1/98
(V)	6,058,773	05/09/00	Zimmerman et al.	73	<del>-152.24</del>	5/15/98

U.S. PATI	ENT DO	COMENTS.	. Continueu								
		6,147,437	11/14/00	Matsumoto et al.	310	338	8/11/9	9			
CA		6,157,032	12/05/00	Into	250	310	11/4/98				
		6,157,893	12/05/00	Berger et al.	702	9	4/30/99				
t XI		6,164,126	12/26/00	Ciglenec et al.	73	152.01	10/15/98				
		6,178,815	01/30/01	Felling et al.	73	152.19	7/30/98				
1 1		6,230,557	05/15/01	Ciglenec et al.	73	152.01	7/12/99				
		6,236,620	5/22/01	Schultz et al.	367	82	11/27/96				
OL AL		6,301,959	10/16/01	Hrametz	73	152.23	1/26/99				
		6,325,146	12/04/01	Ringgenberg et al.	166	250.17	8/19/99				
		6,340,062	01/22/02	Skinner	175	58	1/24/00				
CLS		6,343,507	02/05/02			152.19	12/20/99				
رك		6,343,650	12/04/02	Ringgenberg et al.	166	250.17	10/26/99				
du		6,427,530	08/06/02	Krueger et al.	<b>7</b> 3	152.46	10/27/00				
		20020185313	12/12/02	Jones et al.	175	48	8/7/02				
			FORFICN	PATENT DOCUME	NTC						
Exam	T	Document	(m/d/y)		1	Sub-	Translat				
Init.		Number	Date	Country	Class	class	Yes	No			
	1	EP 0 125 164 A1	11/14/84	Europe	E 21	B 49/00		X			
4		WO 01/33044 A1	5/10/01	PCT	E 21	B 47/00					
		WO 02/08570A1	1/31/02	PCT	E 21	B 49/00					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
		OTHER DO	CUMENTS (1	ncluding Author, Title, Dai	te, Pertinent I	Pages, Etc.)	÷-				
		OTHER DO Basseville, M. et Application. 2.1.	al. Finite Movin	ncluding Author, Title, Dai g Average Control Charts.	te, Pertinent I	Pages, Etc.) Abrupt Chang	ges: Theory ar	ı <u>d</u>			
d d	2 1	Basseville, M. et Application. 2.1.	al. Finite Movin 3, pp. 38. Wireline Formati	g Average Control Charts. on Testing: A New Extende	Detection of	Abrupt Chang					
	2 1 1 1 3 1	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Ma Desbrandes, R. e	al. Finite Moving 3, pp. 38. Wireline Formation 1y 1991), pp. 40-4 t al. A New Cond	g Average Control Charts. on Testing: A New Extende	Detection of  ad Drawdown  Testing: Exte	Abrupt Chang Technique. P	etroleum Eng				
de de la companya dela companya dela companya dela companya dela companya de la companya dela companya	2 I I I I I I I I I I I I I I I I I I I	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Ma Desbrandes, R. e Thirteenth Format Joseph, J. A. et a Journal, SPE 1295	al. Finite Moving 3, pp. 38. Wireline Formation 4y 1991), pp. 40-4 t al. A New Condition Evaluation S 1. Unsteady-State 50 (Dec. 1985), p	on Testing: A New Extendent.  Testing: A New Extendent.  Tept in Wireline Formation  Testing: G (Sept. 11-13)  Spherical Flow with Store  Testing: Spherical Flow with Store  Testing: 804-822.	Detection of an arms of the Drawdown Testing: Extending, 1991), pp. 1 age and Skin.	Abrupt Change Technique. Pended Drawdo -25. Society of Pe	etroleum Eng own. <u>CWLS</u> etroleum Engi	ineer neers			
	2 1 1 1 2 3 1 2 3 1 3 1 3 1 5 1 1 5 1 1 1 1 1 1 1 1 1 1	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Ma Desbrandes, R. et a Journal, SPE 1295 Moran, J. H. et a	al. Finite Moving 3, pp. 38.  Wireline Formation 1, 1991), pp. 40-4  t al. A New Condition Evaluation S  I. Unsteady-State 50 (Dec. 1985), pol. Theoretical Ar	on Testing: A New Extended.  cept in Wireline Formation (Martical Flow With Storop. 804-822.  nalysis of Pressure Phenon	Detection of ad Drawdown Testing: Extention, 1991), pp. 1 age and Skin. mena Association	Abrupt Change Technique. Pended Drawdo -25. Society of Pe	etroleum Eng own. <u>CWLS</u> etroleum Engi	ineer neers			
	2 1 1 1 2 3 1 2 3 1 5 1 5 1 5 1 6 1 1 6 1 1	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Ma Desbrandes, R. et a Journal, SPE 129: Moran, J. H. et a Tester. Journal of Proett, M. A. et a	al. Finite Moving 3, pp. 38.  Wireline Formation 4y 1991), pp. 40-4  t al. A New Condition Evaluation S  I. Unsteady-State 50 (Dec. 1985), pol. Theoretical Art Fetroleum Technal. Supercharge	on Testing: A New Extended.  cept in Wireline Formation ymposium G (Sept. 11-13 of Spherical Flow with Store Sp. 804-822.  calysis of Pressure Phenom SPE 177 (August 1962), pressure Compensation with Store Sp. 1962), pressure Compensation with Store Sp. 1962 of Sp. 1962	Detection of the Detection of the Drawdown Testing: Extending, 1991), pp. 1 age and Skin. The Detection of t	Abrupt Change Technique. Pended Drawdo -25. Society of Pended with the Wine Formation	etroleum Eng own. CWLS etroleum Engi	ineer neers			
	2 1 1 2 3 1 2 3 1 3 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Ma Desbrandes, R. e Thirteenth Formal Joseph, J. A. et a Journal, SPE 129: Moran, J. H. et a Tester. Journal of Proett, M. A. et a SPWLA 37th Am Stewart, G. et al.	al. Finite Moving 3, pp. 38.  Wireline Formation 1, 1991), pp. 40-4  t al. A New Condition Evaluation S  L. Unsteady-State 0 (Dec. 1985), pol. Theoretical Art Petroleum Tech al. Supercharge in the Supercharge of the Superc	on Testing: A New Extended.  cept in Wireline Formation ymposium G (Sept. 11-13 e Spherical Flow with Storop. 804-822.  nalysis of Pressure Phenon SPE 177 (August 1962), p	Detection of the Detection of the Drawdown Testing: Extending, 1991), pp. 1 age and Skin.  Mena Association, 899-908. The New Wirelings, pp. 1-14.	Abrupt Change Technique. Pended Drawdo -25. Society of Pended with the Wine Formation	etroleum Eng own. CWLS etroleum Engi ireline Formal Testing Metho	neers			
CA J CA J EXAMINE	2 1 1 3 1 3 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Management of the International) (Manag	al. Finite Moving 3, pp. 38.  Wireline Formation 1, 1991), pp. 40-4  t al. A New Condition Evaluation S  L. Unsteady-State 0 (Dec. 1985), pol. Theoretical Art Petroleum Tech al. Supercharge in the Supercharge of the Superc	on Testing: A New Extended.  cept in Wireline Formation ymposium G (Sept. 11-13 op. 804-822.  malysis of Pressure Phenom SPE 177 (August 1962), p. Pressure Compensation with posium, Z (June 16-19, 19	Detection of Detec	Abrupt Change Technique. Pended Drawdo -25. Society of Pended with the Wine Formation	etroleum Eng own. CWLS etroleum Engi ireline Formal Testing Metho	neers			
EXAMINE	2 1 3 1 3 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	Basseville, M. et Application. 2.1 Desbrandes, R. International, (Manuel Manuel Man	al. Finite Moving 3, pp. 38.  Wireline Formation 1, 1991), pp. 40-4  t al. A New Condition Evaluation S  I. Unsteady-State 50 (Dec. 1985), pol. Theoretical Art Petroleum Technology Interpretation of the property of the pro	on Testing: A New Extendent.  Tept in Wireline Formation of March 11-13  Spherical Flow with Stormation of Pressure Phenom SPE 177 (August 1962), pressure Compensation with posium, Z (June 16-19, 19) of the Pressure Response of	Detection of Detection of ad Drawdown  Testing: Externally, pp. 1 age and Skin.  Tena Association of the New Wireling of the Repeat F  DERED OY  The with MPER	Abrupt Change Technique. Production Techniqu	etroleum Enginetroleum Enginet	neers tion			

